

PAVIT-ONE



MATERIAL

Polyester fiber 6.5 mm thick (density 490 gr/m²), covered with a protective polyethylene film. Pavit-One is tear-resistant and non-toxic material.

STANDARD DIMENSIONS

Weight: 490 g/m²

Thickness: 6,5 mm

Size tolerance to DIN 7715 Part 2

POLYESTER FIBER ROLL
FOR UNDERLAY IMPACT
NOISE INSULATION



FIRE REACTION

Class 1.

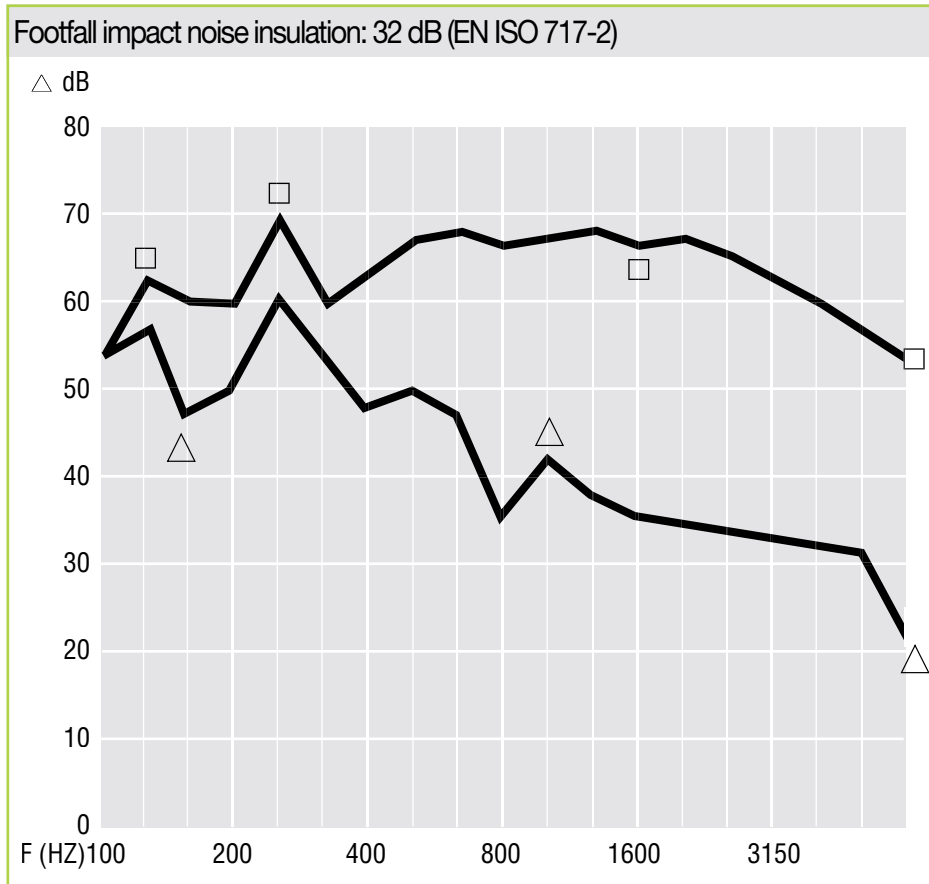
FIELDS OF APPLICATION

Pavit-One must be installed before flooring in order to improve footfall sound-insulation. Thanks to its sound-proofing characteristics and to its easy installation, it is used in any kind of construction (houses, offices, hospitals, trade centres, etc.). As footfall noise is concerned, Pavit-One has an excellent sound-proofing performance giving better results than what the law provides for.

INSTALLATION

Pavit-One must be installed directly over the rough floor, its extremities must cover up and the seams must be fixed by using the pre-glued self-adhesive band. Always use AKU-STIK BORDER perimeter band.

The installation of WALL BAND is also recommended to interrupt the acoustic bridges between the rigid structures.



Frequency	Ln0	Ln	ΔT
Hz	dB	dB	sec
100	62,3	52,3	10,0
125	62,5	47,7	14,8
160	63,4	41,8	21,7
200	63,7	39,5	24,2
250	64,4	46,9	17,6
315	66,1	49,5	16,6
400	68,7	42,0	26,6
500	69,1	38,3	30,8
630	68,1	38,8	29,4
800	68,9	39,8	29,1
1000	69,2	28,3	40,9
1250	69,8	34,5	35,4
1600	69,5	30,2	39,3
2000	69,3	28,8	40,5
2500	67,4	29,3	38,1
3150	65,6	28,0	37,6
4000	61,7	25,5	36,2
5000	56,2	19,3	37,0

PHYSICAL PROPERTIES

- Type of material
Polyester fiber (PET) and polyethylene (PE)
- Weight 490 gr/m²
- Resistance to compression
0,48 (EN 1606)
- Dynamic stiffness
S't= 12
- Impact noise footfalls insulation
32 dB (EN ISO 717-2)